

Notice of Allowability	Application No.	Applicant(s)	
	10/525,595	POIKOLAINEN ET AL.	
	Examiner	Art Unit	
	Eric Hug	1731	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed August 8, 2007.
2. ☒ The allowed claim(s) is/are 12-16 and 18-22.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☒ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____ |
|--|---|

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Claim 14 has been amended as follows:

14. (currently amended) A forming section of a paper or board machine, comprising:
a first forming wire forming a first wire loop and mounted to travel in a defined
running direction, the first wire loop having a web receiving surface;
a second forming wire forming a second wire loop which forms a twin-wire zone with the
first forming wire, and which is mounted to travel in the defined running
direction;
a suction roll positioned within the first wire loop, the suction roll having a cylindrical
suction surface engaged with the first forming wire, and having a suction zone;
a suction box having a curved surface positioned within the second wire loop and
positioned with the curved surface in opposed relationship with the suction
roll;
wherein the suction zone of the suction roll has a portion which extends in the running

direction beyond the suction box so that a web passing between the suction roll and the suction box is guided, due to the effect of the suction zone of the suction roll, forwards on the web receiving surface of the first wire loop;

a third wire or felt, forming a third loop;

a second suction roll within the third wire or felt;

a second suction box having a curved surface positioned within the first wire loop and positioned with the curved surface in opposed relationship with the second suction roll; and

wherein the ~~third~~ second suction roll is arranged to pass a web from the web receiving surface of the first wire loop to the third wire or felt.

Allowable Subject Matter

Claims 12-16 and 18-22 are allowed.

The following is an examiner's statement of reasons for allowance (bold numbers are independent claims):

Claims **13**, 12, 16, **20**, 19, and 22 are allowed, because the prior art does not disclose or suggest a forming section comprising the claimed arrangement of first and second forming wires, a suction roll, and a suction box with a curved surface opposing the suction roll, wherein the suction zone of the suction roll extends beyond the suction box and is divided into a first suction zone opposite the suction box and a second suction zone which extends beyond the suction box. Accordingly, the prior art does not disclose or suggest a method for forming a paper web including the steps of removing water from the web and guiding the web forward on the first wire in the manner as claimed in the above forming section.

Claims **14**, 15, and **21** are allowed, because the prior art does not disclose or suggest a forming section comprising the claimed arrangement of first and second forming wires, a suction roll, and a suction box with a curved surface opposing the suction roll, with the suction zone of the suction roll extending beyond the suction box, wherein the forming section furthermore has a third wire, second suction roll, and second suction box with a curved surface conforming to the second suction roll. Accordingly, the prior art does not disclose or suggest a method for forming a paper web including the steps of removing water from the web, guiding the web forward on the first wire, and passing the web to the third wire in the manner as claimed in the above forming section.

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Claim 18 is allowed, because the prior art does not disclose or suggest a method for forming a paper web including the steps of removing water from the web and guiding the web forward on the first wire in an arrangement including first and second forming wires, a suction roll, and a suction box with a curved surface opposing the suction roll with the suction zone of the suction roll extending beyond the suction box, wherein a dewatering ratio between the suction roll and the opposing curved suction box is regulated to control the two-sidedness of the paper web.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Response to Arguments

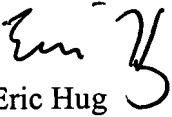
Applicant's arguments filed August 8, 2007 have been considered. Regarding Claim 18, it is recognized Lee does not suggest regulating a dewatering ratio between a suction roll and an opposing curved suction box to control the two-sidedness of the paper web.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eric Hug whose telephone number is 571 272-1192.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Steven Griffin can be reached on 571 272-1189. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


Eric Hug
Primary Examiner